Subject: RE-WIRING REQUIRED ON "NORTHERN" ELEVATORS WITH "KUP" STYLE RELAY CONTROLLERS.

Sent to: ALL ELEVATOR CONTRACTORS IN SCOPES A1, B1, F1, ALL IDENTIFIED OWNERS

1. ORDER TO CONTRACTORS MAINTAINING NORTHER ELEVATORS EQUIPPED WITH KUP" STYLE RELAY CONTROLLERS:

1.1 On your next visit to the subject elevators, you are required to make the necessary changes as outlined in 2.0 below.

1.2 If, for any reason, you cannot obtain authorization for the changes from the elevator owner, you must notify this Branch immediately, in writing, indicating installation numbers of relevant elevators.

1.3 Inspectors will be instructed to check for compliance commencing August 1/89. Installations found not in compliance will be removed from service.

2. EXCERPTS FORM THE NORTHER ELEVATOR LTD. BULLETIN #89-049 DATED JANUARY 25, 1989: (See hard copy for Excerpts and corresponding drawings.)
Although unlikely, it has been brought to our attention that if relay "UL" or "DL" is inadvertently canted, pushed or partially removed sidewise on an angle, in one direction only and still partially remaining in the socket with:

a) the relay coil de-energized
b) one set of relay contacts maintained in the socket
c) two sets of relay contacts out of the socket

Then, there is a remote possibility of running the car at contract speed with interlock circuit open.

PLEASE MAKE THE FOLLOWING CHANGES:

--- Diagram Image ---

**NEW**
ADD N.O. "FSP" CONTACT. IF CONTACT IS NOT AVAILABLE, ADD AN ADDITIONAL "FSP" RELAY.

--- Diagram Image ---

**NEW**
ADD N.O. "CD" CONTACT.

--- Diagram Image ---

**EXISTING CIRCUIT**

FOR ADDITIONAL DETAILS/INFORMATION, CONTACT NORTHERN ELEVATOR LTD. AT 288-8123.